

What is claimed is:

1. A gun comprising:
manipulating means operated by an operator;
shooting means for performing a shooting operation in response to
the operation of said manipulating means;
5 recognition information generating means for generating recognition
information for permitting the operator to recognize that the manipulation of
said manipulating means has been performed; and
control means configured to detect the operation performed made
by the operator on said manipulating means, and in response to the detected
10 operation, to control said recognition information generating means whereby it
generates said recognition information.
2. The gun according to claim 1, wherein said recognition information
generating means comprises a solenoid, said recognition information
generating means being responsive to a control signal from said control means
to drive said solenoid to bring associated members into impact against each
5 other, thereby generating said recognition information.
3. The gun according to claim 2, wherein said solenoid is in the shape
of a cylinder which has a diameter larger than a length of a shaft in an
operational direction.
4. The gun according to claim 3, wherein said solenoid is disposed
such that the operational direction of the shaft is perpendicular to a gun barrel.

5. The gun according to claim 4, wherein:
 said recognition information generating means is disposed at least
 partially in close contact with a housing of said gun; and
 said housing comprises a recess for preventing said shaft from
5 colliding with said housing by the action of said shaft.

6. The gun according to claim 5, wherein said housing further
 comprises a groove for receiving a wire therethrough to said recognition
 information generating means, said housing being in close contact with said
 recognition information generating means except for said recess and said
5 groove.

7. The gun according to claim 1, wherein said shooting means emits
 an optical bullet formed of a light ray in response to a shooting operation.

8. The gun according to claim 7, wherein said control means, upon
 detection of the operation performed by the operator on said manipulating
 means, forces said shooting means to perform a shooting operation, and
 subsequently forces said recognition information generating means to generate
5 said recognition information.

9. The gun according to claim 7, further comprising:
 target signal receiving means for receiving a target signal sent from
 a target and notifying said control means that said target signal is received so
 as to permit said gun to recognize that said gun is opposite said target,

5 wherein:

 prohibited said shooting means is from emitting a light ray and said
recognition information generating means generates said recognition
information upon detection of the operation of said manipulating means by said
control means while said target signal receiving means has not received said
10 target signal; and

 said shooting means emits a light ray and said recognition
information generating means generates said recognition information upon
detection of the operation of said manipulating means by said control means
while said target signal receiving means has received said target signal.

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10. The gun according to claim 1, wherein said recognition information
is sound or vibrations.